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(54) Improvements in and Relating
to Chairs for Fishermen

(57) A seat, more especially for
fishermen, comprises a collapsible
seat structure providing a seat base
(3) and an upwardly extending back
rest (9), an extension frame (10)
arranged to attach to the back rest of

the seat in order to extend upwardly
and over the area of the seat, and a
shelter (13, 14, 15, 16) of flexible
sheet material adapted to be
supported by said extension frame
above and around the seat, in order to
provide weather protection, and/or
concealment for an occupant of the
seat.

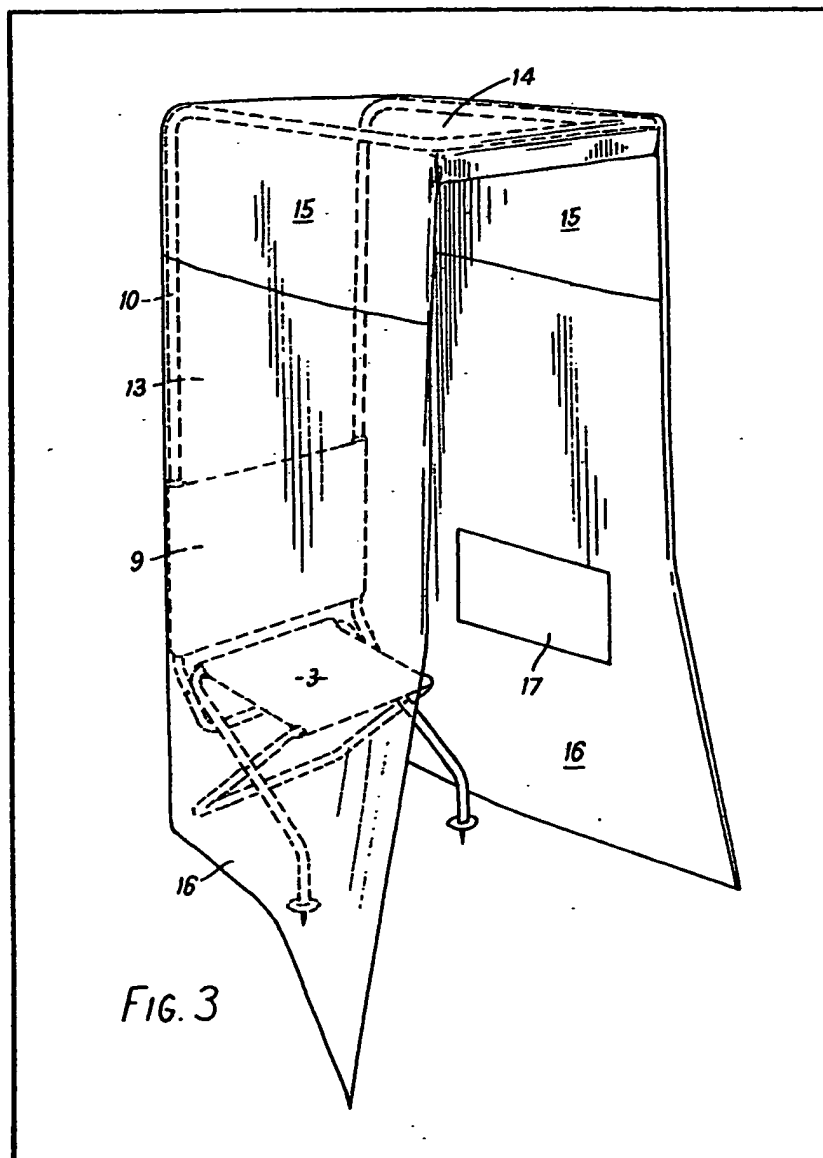


FIG. 3

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FIG. 2

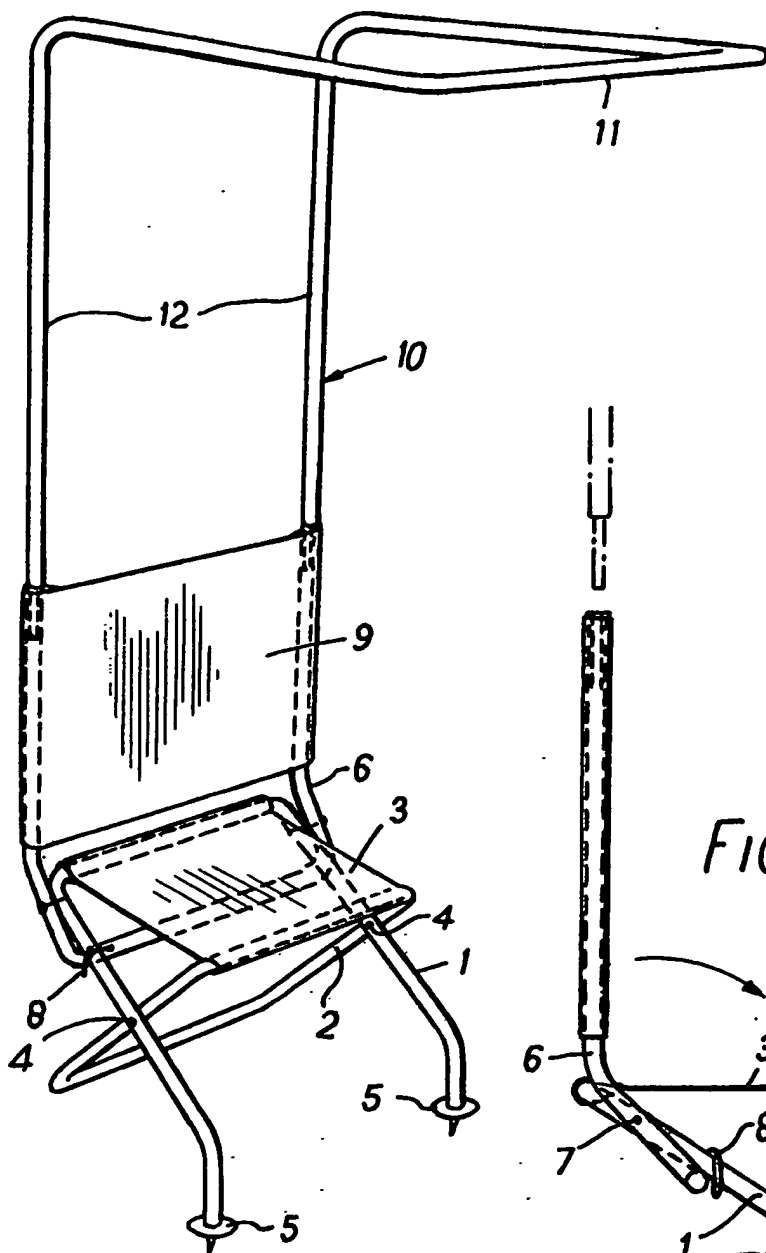
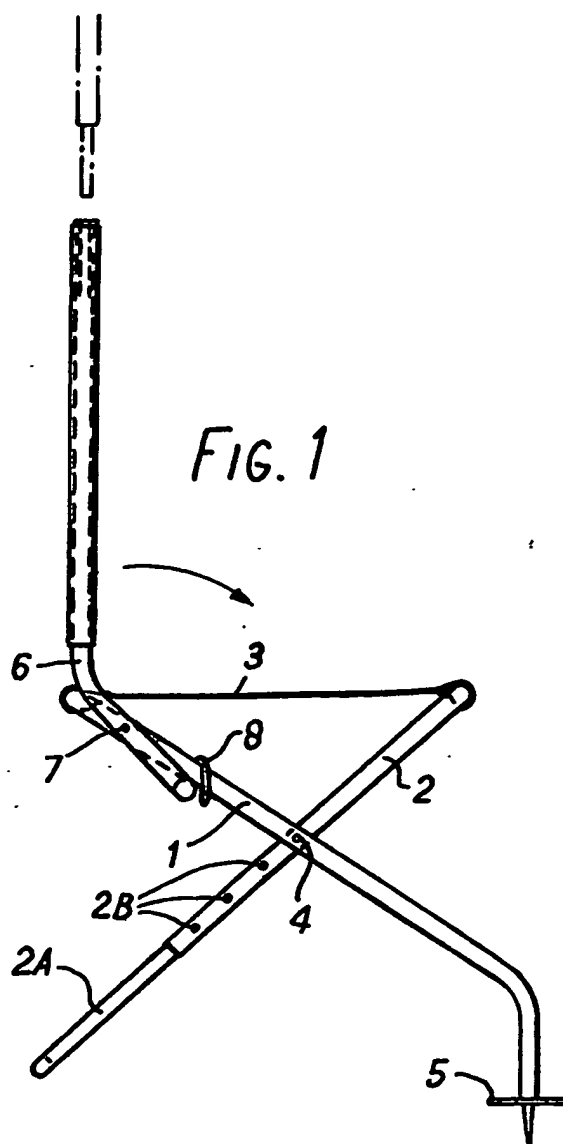
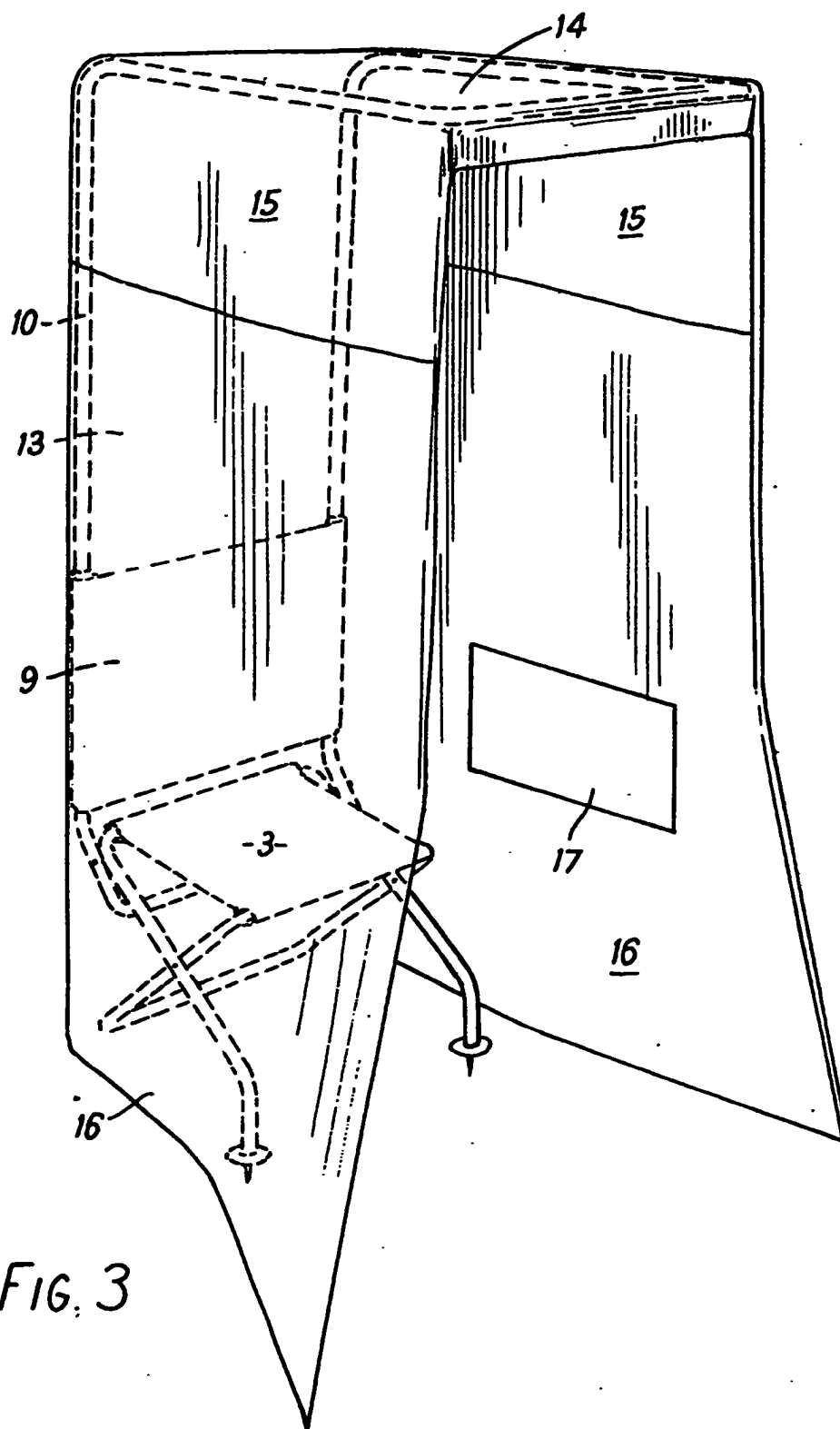


FIG. 1



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SPECIFICATION

Improvements in and Relating to Chairs for Fishermen

5 This invention concerns improvements in chairs for fishermen.

It is an object of the invention to provide a chair for use, more especially by fishermen, and which in addition to being readily collapsible and easily portable, also provides the additional functions of weather protection, and possibly camouflage, and preferably also serving for the storage of equipment.

10 In accordance with one aspect of the invention there is provided a seat, more especially for fishermen, comprising a collapsible seat structure providing a seat base and an upwardly extending back rest, an extension frame arranged to attach to the back rest of the seat in order to extend upwardly and over the area of the seat, and a shelter of flexible sheet material adapted to be supported by said extension frame above and around the seat, in order to provide weather protection, and/or concealment for an occupant of the seat. Advantageously the internal walls of the shelter are provided with pockets for receiving accessories, for example for angling.

25 The seat and the extension frame may readily be separated so that the seat may either be used independently, or in conjunction with the shelter, and advantageously the shelter is formed in a number of separate pieces of sheet material which are attachable together to provide the degree of enclosure required. The folding seat, and extension frame are advantageously adapted for disassembly and storage in a pack flat condition.

30 In accordance with a particularly advantageous embodiment of the invention the folding seat comprises two generally U-shaped tubular frame members of which the respective limbs are pivoted together in scissor fashion and the respective bases of the U are connected to opposite edges of a seat support formed of flexible sheet material, to form a folding stool, a further generally U-shaped tubular frame member of which the limbs are pivoted, at points adjacent the base of the U, to points adjacent the base of one of the first two U-shaped members, the limbs of the further U-shaped member supporting a sheet of flexible material forming a back rest to the stool and the arrangement being such that whilst the assembly is capable of folding substantially flat, in use open ends of the limbs of the further U-shaped member extend upwardly relatively to the stool to receive the said extension frame.

60 The extension frame preferably comprises a yet further U-shaped member of tubular material with the ends of the limbs thereof angled through approximately 90° and a pair of extension struts for engagement at their ends respectively in the said open ends of the limbs forming the back rest and limbs of the U-shaped member of the extension frame, whereby the latter is supported

65 above the seat in a generally horizontal position extending forwardly from the back rest. Such an arrangement presents a particularly simple and stable structure as the two U-shaped members and the extension struts fit together to form a closed frame.

70 Preferably one of the U-shaped members forming the seat base has extendable legs to enable adjustment of the seat to accommodate itself to sloping ground, for example on a river bank, and the other may have feet adapted to penetrate the ground to prevent slippage.

75 Conveniently the extendable legs are provided by a yet further U-shaped member arranged with its limbs in telescopic relation to limbs of the cooperating U-shaped member.

The invention is illustrated by way of example in the accompanying drawings, in which:

Figure 1 is a side elevation of a folding seat in accordance with the invention,

85 Figure 2 is a perspective view of the seat of Figure 1, shown with an attached supporting frame for a shelter, the shelter being removed for clarity, and

90 Figure 3 is a perspective view of the seat of Figures 1 and 2 shown with an assembled fabric shelter.

Referring to the drawings, a folding seat in accordance with the invention comprises a stool portion formed by two U-shaped members 1 and 2 of tubular light alloy material, the bases of the U-shaped members supporting a fabric sheet 3 providing a seat support. The two members 1 and 2 are pivoted at 4 so that the stool may be folded flat. The member 1 is provided with spiked feet 5 and the effective length of the member 2 may be adjusted by means of a further U-shaped member 2A of which the limbs are in telescopic relation with the limbs of the member 2, and may be secured in predetermined positions relatively thereto, by way of spring loaded pins arranged to engage apertures 2B.

100 A back rest for the folding stool is formed by a further U-shaped member 6, pivoted to the member 1 at 7, so that in use the two limbs of the member 6 extend in an upright position with the base of the U braced against the member 1. The member 6 may be latched in the position shown in Figure 1 by means of a hook member 8 pivoted to the base of the U-shaped member 6 and arranged to be hooked over the adjacent limb of the member 1 as shown in Figures 1 and 2.

115 Between the two upright limbs of the member 6 is arranged to extend a sheet of fabric 9 forming the back rest support. The upright limbs of the member 6 are open at their upper ends, and form tubular pockets for an upper extension frame indicated generally at 10. The extension frame is formed by a U-shaped member 11 of tubular material, of which the extremities of the two limbs are angled at 90° as shown, and form sockets for receiving the upper ends of two extension struts 12, of which the lower ends engage within the open ends of the limbs of the member 6. The engagement between the extension struts 12 and

the member 11 is preferably by way of a spring loaded peg and socket arrangement of known type, for example for use in the assembly of camping equipment.

- 5 The extension frame 10 is arranged to support a weatherproof shelter which, as shown more clearly in Figure 3 comprises a back sheet 13, a top sheet 14, and two downwardly depending side flaps 15. Lateral side sheets 16 may be
10 attached to the back sheets 13 and the side flaps 15 at their edges, by suitable fastening means of known type. The arrangement is such that the shelter may be used with only the back 13, top 14, and side flaps 15, the side sheets 16 being
15 added as desired. The top sheet 14 is secured between the two limbs of the U-shaped member 11, by means of tubular fabric pockets into which the limbs of the member 11 extend in a similar manner to that illustrated for the seat support 3
20 and back rest 9, but the fabric shelter is otherwise unconnected with the supporting frame, the lower edges of the back sheet 13 and the two side sheets 16 being adapted to be pegged to the ground for example as in the case of a tent. The
25 side sheets 16 are provided with internal pockets 17 for the storage of angling equipment.

- A combined seat and shelter as described above has the advantage of being versatile and adaptable to the needs of an angler. The seat
30 portion is capable of being used either alone or in conjunction with the shelter, is adaptable for use in a variety of locations, since the legs of the seat are both non-slip and capable of adjustment to the angle of the ground. The shelter provides both
35 weather protection, and, when made in a suitable colour, may also act as a "hide" for concealing the angler from view. The pockets on the shelter moreover provide a very convenient storage means for angling equipment during use.

- 40 Although shown in the assembled condition, the whole device may be packed into a very small space and rendered readily portable. For example, after removal of the side sheets 16 these are folded and placed on the top of the top sheet 14.
45 The side flaps 15 and the back sheet 13 are then folded over the top of the side sheets, and the whole may be secured together, for example, by straps. The top U-shaped member 11 is then lifted from the seat disengaging the struts 12
50 from the back rest 6, and the struts 12 are then disengaged from the member 11 and folded to lie alongside the same, being held in position by the aforementioned connecting springs. The seat is then folded flat by disengaging the hook 8, folding
55 flat the two members 1 and 2, and then folding the back rest 6 forward in the direction of the arrow in Figure 1. It will be appreciated that the whole operation can take place substantially without any requirement for resting the elements

- 60 of the assembly on the ground during packing thereof.

Claims

1. A seat, more especially for fishermen, comprising a collapsible seat structure providing a
65 seat base and an upwardly extending back rest, an extension frame arranged to attach to the back rest of the seat in order to extend upwardly and over the area of the seat, and a shelter of flexible sheet material adapted to be supported by said
70 extension frame above and around the seat, in order to provide weather protection, and/or concealment for an occupant of the seat.

2. A seat as claimed in Claim 1, in which the said collapsible seat structure comprises two
75 generally U-shaped tubular frame members of which the respective limbs are pivoted together in scissor fashion and the respective bases of the U are connected to opposite edges of a seat support formed of flexible sheet material, to form a folding
80 stool, a further generally U-shaped tubular frame member of which the limbs are pivoted, at points adjacent the base of the U, to points adjacent the base of one of the first two U-shaped members, the limbs of the further U-shaped member
85 supporting a sheet of flexible material forming a back rest to the stool and the arrangement being such that whilst the assembly is capable of folding substantially flat, in use open ends of the limbs of the further U-shaped member extend
90 upwardly relatively to the stool to receive the said extension frame.

3. A seat as claimed in Claim 2, in which said extension frame comprises a further U-shaped member of tubular material with the ends of the
95 limbs thereof angled through approximately 90° and a pair of extension struts for engagement at their ends respectively in the said open ends of the limbs forming the back rest and limbs of the U-shaped member of the extension frame,
100 whereby the latter is supported above the seat in a generally horizontal position extending forwardly from the back rest.

4. A seat as claimed in Claim 2 or 3, in which one of the U-shaped members forming the seat
105 base has extendable legs to enable adjustment of the seat to accommodate itself to sloping ground, and the other has feet adapted to penetrate the ground to prevent slippage.

5. A seat as claimed in Claim 4, in which the extendable legs are provided by a further U-shaped member arranged with its limbs in
110 telescopic relation to limbs of the cooperating U-shaped member.

6. A combined seat and shelter substantially as described.

7. The features as herein described, or their equivalents, in any novel selection.

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